

PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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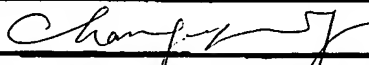
Sheet 1 of 31

Complete if Known

Application Number	10/823,463
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1847
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

U.S. PATENT DOCUMENTS

Examiner	Chs. No. ¹	Document Number Number (Kind Code) ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
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STATEMENT BY APPLICANT**

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Complete If Known

Application Number	10/823,463
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1647
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

Sheet	2	of	31		
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Examiner Signature	<i>Chang</i>			Date Considered	09/15/2005

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First Named Inventor	Schenk, D. B.
Art Unit	1647
Examiner Name	Nichols, C. J.
Attorney Docket Number	16270J-004754US

Sheet 3 of 31

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**INFORMATION DISCLOSURE
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Sheet 4 of 31

Complete if Known

Application Number	10/823,463
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1647
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

CyW	33	5,057,540	10-15-1991	Kensu et al.	
	188	5,004,697	04-20-1991	Pardridge	
	570	4,912,208	03-27-1990	Goldhaber et al.	
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U.S. PATENT APPLICATIONS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CyW	296	60/254,465	12-08-2000	Holtzman et al.	
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	306	09/724,842	11-28-2000	Chalfour et al.	
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	35	EP	911 036	A2	04-28-1999			
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**INFORMATION DISCLOSURE
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Sheet 5 of 31

Complete if Known

Application Number	10/823,463
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1647
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

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First Named Inventor	Schenk, D. B.
Art Unit	1847
Examiner Name	Nichols, C. J.
Attorney Docket Number	16270J-004764US

Sheet 6 of 31

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 31

Complete If Known

Application Number	10/823,483
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1647
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

69	WO	95/05853	A1	03-02-1995			
524	WO	95/05393	A2	02-23-1995			<input type="checkbox"/>
70	WO	95/04151	A2	02-09-1995			
201	WO	94/28412	A1	12-08-1994			
517	WO	94/05311	A1	03-17-1994			
71	WO	94/03615	A1	02-17-1994			
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87	WO	89/01343	A1	02-23-1989			
91	WO	88/10120	A1	12-29-1988			

Examiner
Signature

Cheng-Yu

Date
Considered

09/15/2005

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PTO/SB/08D (10-01)

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,483
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
Sheet 8 of 31	Attorney Docket Number	15270J-004754US	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Cyw	391	AGUZZI et al., "Prion research: the next frontiers," <i>Nature</i> , 389:795-798 (1997).	
	372	AKIYAMA et al., "Occurrence of the Diffuse Amyloid β -Protein (A β) Deposits With Numerous A β -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease," <i>Glia</i> , 25:324-331 (1999).	
	393	AKIYAMA et al., "Inflammation and Alzheimer's disease," <i>Neurobiology of Aging</i> , 21:383-421 (2000).	
	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <i>Neurology</i> , 45:1441-1445 (1995).	<input type="checkbox"/>
	448	ANDREW et al., <i>Current Protocols in Immunology</i> , 2.7.1-2.9.8, John Wiley & Sons, Inc. (1997).	
	484	ARENDIASH et al., "Behavioral assessment of Alzheimer's transgenic mice following long-term A β vaccination: Task specificity and correlations between A β deposition and spatial memory," <i>DNA and Cell Biology</i> , 20(11):737-744 (2001).	
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	485	BACSKAI et al., "Imaging of amyloid- β deposits in brains of living mice permits direct observation of clearance of plaques with immunotherapy," <i>Nature Medicine</i> , 7(3):369-372 (2001).	
	504	BALBACH et al., "Amyloid fibril formation by A β ₁₋₄₂ , a seven-residue fragment of the Alzheimer's β -amyloid peptide, and structural characterization by solid state NMR," <i>Biochemistry</i> , 39:13748-13759 (2000).	
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
	550	BARD et al., "Epitope and isotype specificities of antibodies to β -amyloid peptide for protection against Alzheimer's disease-like neuropathology," <i>PNAS</i> , 100(4):2023-2028 (2003).	
	228	BARROW et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra," <i>J. Mol. Biol.</i> , 225(4):1075-1093 (1992).	
Cyw	96	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <i>FEBS Letters</i> , 285(1):111-114 (1991).	<input type="checkbox"/>

Examiner Signature	<i>Chang</i>	Date Considered	09/15/2005
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	8	of	31

Cy	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	
	561	BELLOTTI et al., "Application of Monoclonal Anti-idiotypes in the Study of AL Amyloidosis: Therapeutic Implications," <u>Renal Failure</u> , 15(3):365-371 (1999).	
	404	BENJAMINI et al., from <u>IMMUNOLOGY A Short Course</u> , Second Edition, Chapter 4, Antibody Structure, pages 49-65, 1991, published by Wiley-Liss, Inc., New York, New York.	
	558	BENJAMINI et al., from <u>IMMUNOLOGY A Short Course</u> , Second Edition, pages 138-138, 143, 73-74, 372-373, and 400-401, 1991, published by Wiley-Liss, Inc., New York, New York.	
	540	BENKIRANE, et al., "Antigenicity and Immunogenicity of Modified Synthetic Peptides Containing D-Amino Acid Residues," <u>J. Biol. Chem.</u> , 268(23):26279-26285 (1993).	
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999).	
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> , 18:764 (1992).	
	97	BLASS, "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999).	<input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <u>Biochem. Biophys. Res. Comm.</u> , 171(2):890-897 (1990).	<input type="checkbox"/>
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19:939-945 (1997).	<input type="checkbox"/>
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Curr. Opin. Genetic Develop.</u> , 3:102-109 (1993).	<input type="checkbox"/>
	419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <u>Trends in Genetics</u> , 12(10):425-427 (1996).	
	418	BORK, P., "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <u>Genome Research</u> , 10:398-400 (2000).	
	420	BRENNER, S. E., "Errors in genome annotation," <u>Trends in Genetics</u> , 15(4):132-133 (1999).	
Cy	101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val>Ile) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 56:112-115 (1993).	<input type="checkbox"/>

Examiner Signature	<i>Chang</i>	Date Considered	09/15/05
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		An Unit	1647
		Examiner Name	Nichols, C. J.
Sheet 10 of 31	Attorney Docket Number	15270J-004754US	

CyW	461	BURDICK et al., "Assembly and aggregation properties of synthetic Alzheimer's A β amyloid peptide antigens," <u>J. Biol. Chem.</u> , 267:546-555 (1992).	
	327	CAMERON, "Recent Advances in Transgenic Technology," <u>Molecular Biotechnology</u> , 7:263-265 (1997).	
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neurochem.</u> , 15:414A-414B (1992).	
	421	CASTILLO et al., "Amylin / Islet Amyloid Polypeptide: Biochemistry, Physiology, Patho-Physiology," <u>Diabetes & Metabolism (Paris)</u> , 21:3-25 (1995).	
	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at: http://www.fda.gov/cber/vaccine/thimerosal.htm , last updated May 16, 2002.	
	102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513-7 (1993).	<input type="checkbox"/>
	266	CHAPMAN, "Model behavior," <u>Nature</u> , 408:915-916 (2000).	
	349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (2003).	
	222	Chemical Abstract database, Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals," Chemical Abstract database. (Publication date unknown.)	
	332	CHEN et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V \rightarrow F transgenic mice," <u>Progress in Brain Research</u> , 117:327-337 (1998).	
	307	CHEN et al., "A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease," <u>Nature</u> , 408(6815):975-979 (2000).	
	213	CHEN et al., "An Antibody to β Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," <u>Neuroscience Letters</u> , 125:223-226 (1991).	
	542	CHISHTI et al., "Early-onset Amyloid Deposition and Cognitive Deficits in Transgenic Mice Expressing a Double Mutant Form of Amyloid Precursor Protein 695," <u>J. Biol. Chem.</u> , 276(24):21562-70 (2001).	
	566	CHOTHIA et al., "Domain Association in Immunoglobulin Molecules," <u>J. Mol. Biol.</u> , 186:651-663 (1985).	
CyW	302	CHUNG et al., "Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid β -Peptide by Microglial Cells," <u>J. Biol. Chem.</u> , 274(45):32301-32308 (1999).	

Examiner Signature	<i>Chang</i>	Date Considered	09/15/05
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Substitute for form 1448B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 11 of 31

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Application Number	10/823,463
Filing Date	April 12, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1847
Examiner Name	Nichols, C. J.
Attorney Docket Number	15270J-004754US

Cyw	509	CIRrito et al., "Amyloid β and Alzheimer disease therapeutics: the devil may be in the details," <u>J. Clin. Invest.</u> , 112:321-323 (2000).	
	462	CO et al., "Chimeric and humanized antibodies with specificity for the CD33 antigen," <u>J. Immunol.</u> , 148:1149-1154 (1992).	
	291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <u>Pharm. Res.</u> , 17:268-274 (2000).	
	333	CONWAY et al., "Acceleration of oligomerization, not fibrilization, is a shared property of both α -synuclein mutations linked to early-onset Parkinson's disease: Implications for pathogenesis and therapy," <u>PNAS</u> , 97(2):571-576 (2000).	
	266	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <u>Ann. Rev. Pharmacol. Toxicol.</u> , 34:69-89 (1994).	
	287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <u>Scand. J. Immunol.</u> , 38:177-182 (1993).	
	541	CRIBBS et al., "All-D-Epimers of Beta-Amyloid Exhibit Similar Biological Properties to All-L-Beta-Amyloids," <u>J. Biol. Chem.</u> , 272:7431-7436 (1997).	
	293	DALY, et al., "Detection of the membrane-retained carboxy-terminal tail containing polypeptides of the amyloid precursor protein in tissue from Alzheimer's Disease brain," <u>Life Sci.</u> , 63:2121-2131 (1998).	
	412	DAS et al., "Amyloid- β Immunization Effectively Reduces Amyloid Deposition in FcR γ Knock-Out Mice," <u>J. Neuroscience</u> , 23(24):8532-8538 (2003).	
	468	DEMATTOIS et al., "Peripheral anti-A β antibody alters CNS and plasma clearance and decreases A β burden in a mouse model of Alzheimer's disease," <u>PNAS</u> , 98(15):8850-8855 (2001).	
	214	DEMATTOIS et al., "Peripheral Anti A β Antibody Alters CNS And Plasma A β Clearance and Decreases Brain A β Burden in a Mouse Model of Alzheimer's Disease," <u>PNAS early edition</u> , 10.1073/pnas.151261398 (2001).	
	493	DEMATTOIS et al., "Plaque-associated disruption of CSF and plasma amyloid- β (A β) equilibrium in a mouse model of Alzheimer's disease," <u>J. Neurochem.</u> , 81:229-238 (2002).	
	220	Dialog/Derwent, Abstract of WPI Acc No: 1997-054438/199706: Stable vaccine compns. - comprise a macrocyclic lactone, a milbemycin, an avermectin, an antigen, a dispersing agent, an adjuvant, a water sol. organic solvent and saline or water, Derwent File 351: Derwent WPI database. (Publication date unknown.)	
Cyw	486	DICKEY et al., "Duration and specificity of humoral immune responses in mice vaccinated with the Alzheimer's disease-associated β -amyloid 1-42 peptide," <u>DNA and Cell Biology</u> , 20(11):723-729 (2001).	

Examiner
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Cheng

Date
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		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
Sheet 12 of 31	Attorney Docket Number	15270J-004764US	

CW	436	DICKSON et al., "Neuroimmunology of Alzheimer's disease: a conference report," <u>Neurobiology of Aging</u> , 13(6):793-798 (1992), abstract only	
	390	DIOMEDE et al., "Activation effects of a prion protein fragment (PrP-(106-126)) on human leucocytes," <u>Biochem. J.</u> , 320:563-570 (1996).	
	383	DODART, "Immunotherapy for Alzheimer's disease: will vaccination work?," <u>Trends in Molecular Medicine</u> , 9(3):85-87 (2003).	
	422	DOERKS et al., "Protein annotation: detective work for function prediction," <u>Trends in Genetics</u> , 14(6):248-250 (1998).	
	318	DU et al., "Reduced levels of amyloid beta-peptide antibody in Alzheimer disease," <u>Neurology</u> , 57(5):801-5 (2001).	
	103	DUFF et al., "Mouse model made," <u>Nature</u> , 373:476-477 (1995).	
	288	DUMERY et al., "β-Amyloid protein aggregation: its implication in the physiopathology of Alzheimer's disease," <u>Pathol. Biol.</u> , 49:72-85 (2001).	
	407	ECK et al., <u>Goodman and Gilman's The pharmacological basis of therapeutics</u> , Chapter 6, pages 77-101 (1996).	
	475	EL-AGNAF et al., "The influence of the central region containing residues 19-25 on the aggregation properties and secondary structure of Alzheimer's beta-amyloid peptide," <u>Eur. J. Biochem.</u> , 256(3):560-569 (1998).	
	225	Elan, "Elan and AHP Provide an Update on the Phase 2A Clinical Trial of AN-1792," Press Release. (1/18/2002).	
	226	Elan, "Elan and Wyeth Provide Update on Status of Alzheimer's Collaboration," Press Release (3/1/2002).	
	104	ELIZAN et al., "Antineurofilament antibodies in a postencephalitic and idiopathic Parkinson's disease," <u>J. Neurol. Sciences</u> , 59:341-347 (1983).	
	289	ESIRI, "Is an effective immune intervention for Alzheimer's disease in prospect?," <u>Trends in Pharm. Sci.</u> , 22:2-3 (2001).	
	501	ESLER et al., "Point substitution in the central hydrophobic cluster of a human β-amyloid congener disrupts peptide folding and abolishes plaque competence," <u>Biochemistry</u> , 35:13914-13921 (1996).	
CW	105	FELSENSTEIN et al., "Processing of the β-amyloid precursor protein carrying the familial, Dutch-type, and a novel recombinant C-terminal mutation," <u>Neuroscience Letters</u> , 162:185-189 (1993).	

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		Art Unit	1847
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	13	of	31

Cy	328	FELSENSTEIN et al., "Transgenic Rat and In-Vitro Studies of B-Amyloid Precursor Protein Processing," <i>Alzheimer's and Parkinson's Diseases</i> , Hanin et al. Ed., pp 401-409, Plenum Press, New York, (1995).
	106	FINCH et al., "Evolutionary Perspectives on Amyloid and Inflammatory Features of Alzheimer Disease," <i>Neurobiology of Aging</i> , 17(5):809-815 (1996).
	539	FINDEIS et al., "Modified peptide inhibitors of amyloid B-peptide polymerization," <i>Biochemistry</i> , 38:6791-6800 (1999).
	107	FISHER et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," <i>PNAS</i> , 88:1779-1782 (1991).
	108	FLANDERS et al., "Altered expression of transforming growth factor- β in Alzheimer's disease," <i>Neurology</i> , 45:1561-1569 (1995).
	464	FLOOD et al., "An amyloid β -Protein fragment, A β (12-28), equipotently impairs post-training memory processing when injected into different limbic system structures," <i>Brain Res.</i> 663(2):271-276 (1994).
	538	FLOOD, et al., "Topography of a binding site for small amnesic peptides deduced from structure-activity studies: Relation to amnesic effect of amyloid B protein," <i>PNAS</i> , 91:380-384 (1994).
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	386	FRAUTSCHY et al., "Effects of injected Alzheimer β -amyloid cores in rat brain," <i>PNAS</i> , 88:8362-8366 (1991).
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Cy	248	FRENKEL et al., "N-terminal EFRH sequence of Alzheimer's β -amyloid peptide represents the epitope of its anti-aggregating antibodies," <i>J. of Neuroimmunology</i> , 88:85-90 (1998).

Examiner Signature	<i>Chang</i>	Date Considered	09/15/2005
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PTO/SB/019 (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	14	of	31

CyW	244	FRENKEL, et al., "Modulation of Alzheimer's β -amyloid neurotoxicity by site-directed single chain antibody," <i>J. of Neuroimmunology</i> , 108:23-31 (2000).
	210	FRIEDLAND et al., "Development of an anti-A β monoclonal antibody for in vivo imaging of amyloid angiopathy in Alzheimer's disease," <i>Mol. Neurology</i> , 9:107-113 (1994).
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CyW	112	GLENN et al., "Skin immunization made possible by cholera toxin," <i>Nature</i> , 391:851 (1988).

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PTO/SB/033 (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
Sheet 15 of 31	Attorney Docket Number	15270J-004754US	

114	GLENNER et al., "Alzheimer's Disease and Downs Syndrome: Sharing of A Unique Cerebrovascular Amyloid Fibril Protein," <u>Biochem. Biophys. Res. Comm.</u> , 122(3): 1131-1135 (1984).
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115	GOATE et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," <u>Nature</u> , 349:704-708 (1991).
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Examiner Signature	<i>Cheng</i>	Date Considered	09/15/2005
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	16270J-004754US
Sheet	16	of	31

Cyp	118	HAGA et al., "Synthetic Alzheimer amyloid β /A4 peptides enhance production of complement C3 component by cultured microglial cells." <u>Brain Research</u> , 801:88-94 (1993).	
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PTO/S&O88 (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
Sheet 17 of 31	Attorney Docket Number	15270J-004754US	

CyW	413	HOLTZMAN et al., "A β Immunization and anti-A β antibodies: potential therapies for the prevention and treatment of Alzheimer's disease," <u>Advanced Drug Delivery Reviews</u> , 54:1603-1613 (2002).
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	308	JANUS et al., "A beta peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease," <u>Nature</u> , 408(6815):979-982 (2000).
CyW	257	JEN, et al., "Preparation and purification of antisera against different regions or isoforms of b-amyloid precursor protein," <u>Brain Research Protocols</u> , 2:23-30 (1997).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	18	of	31

CyW	218	JOACHIM et al., "Antibodies to Non-beta Regions of the Beta-amyloid Precursor Protein Detect a Subset of Senile Plaques," <u>Am. J. of Pathology</u> , 138:373-384 (1991).
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CyW	195	KONIG et al., "Development and Characterization of a Monoclonal Antibody 369.2B Specific for the Carboxyl-Terminus of the A β 4 Peptide," <u>Annals of NY Acad. Sci.</u> , 777:344-355 (1996).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	19	of	31

Cyw	494	KOTILINEK et al., "Reversible memory loss in a mouse transgenic model of Alzheimer's disease," <u>J. Neurosci.</u> , 22(15):6331-6335 (2002).	
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Cyw	459	LEVITT, M., "Molecular dynamics of native protein," <u>J. Mol. Biol.</u> , 168:595-620 (1983).	

Examiner Signature	<i>Chang S. Yang</i>	Date Considered	09/15/2005
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PTO/SB-018 (10-01)

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
Sheet 20 of 31	Attorney Docket Number	15270J-004754US	

Cyru	481	LEVY et al., "Immunization for Alzheimer's disease: A shot in the arm or a whiff?", <u>American Neurological Assoc.</u> 48:553-554 (2000).	
	184	U et al., "Thermal Stabilization of Carboxypeptidase A as a Function of PH and Ionic Milieu," <u>Biochem. Mol. Biol. Int.</u> 43(3):601-611 (1997).	
	133	LIVINGSTON et al., "The Hepatitis B Virus-Specific CTL Responses Induced in Humans by Lipopeptide Vaccination Are Comparable to Those Elicited by Acute Viral Infection," <u>J. Immunol.</u> 159:1383-1392 (1997).	
	134	LOPEZ et al., "Serum auto-antibodies in Alzheimer's disease," <u>Acta. Neurol. Scand.</u> 84:441-444 (1991).	
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	502	MAGGIO et al., "Brain Amyloid - A Physicochemical Perspective," <u>Brain Pathology</u> 6:147-162 (1996).	
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	545	MASLIAH et al., "Comparison of Neurodegenerative Pathology in Transgenic Mice Overexpressing V717F β -Amyloid Precursor Protein and Alzheimer's Disease," <u>J. Neuroscience</u> 18(18):5795-5811 (1998).	
Cyru	217	MASTERS et al., "Amyloid Plaque core protein in Alzheimer Disease and Down Syndrome," <u>PNAS</u> 82:4245-4249 (1985).	

Examiner Signature	<i>Changsheng</i>	Date Considered	09/15/2005
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
Sheet 21 of 31	Attorney Docket Number	15270J-004754US	

Cyw	309	MATTSON, "Cellular actions of beta-amyloid precursor protein and its soluble and fibrillogenic derivatives," <u>Physiol Rev.</u> , 77(4):1081-132 (1997).	
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Cyw	359	MUNCH et al., "Potential neurotoxic inflammatory response to A β vaccination in humans," <u>J. Neural Transm.</u> , 109:1081-1087 (2002).	

Examiner Signature	<i>Chang-yu</i>	Date Considered	9/15/2005
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	22	of	31

Cy	355	MUNSON eds., <i>Principals of Pharmacology: Basic Concepts & Clinical Applications</i> , pgs. 47-48, Chapman & Hall, New York, New York (1996).	
	191	MURPHY et al., "Development of a Monoclonal Antibody Specific for the COOH-Terminal of β -Amyloid 1-42 and Its Immunohistochemical Reactivity in Alzheimer's Disease and Related Disorders," <i>Am. J. Pathology</i> , 144(5):1082-1088 (1994).	
	354	MUTSCHLER et al., <i>Drug Actions: Basic Principles and Therapeutic Aspects</i> pgs. 7, 11-12, Medpharm Scientific Publishers, Stuttgart, Germany (1995).	
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	281	NAKAYAMA et al., "Histopathological studies of senile plaques and cerebral amyloidosis in cynomolgus monkeys," <i>J. of Med. Primatology</i> , 27:244-252 (1998).	
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	350	NICOLL et al., "Neuropathology of human Alzheimer's disease after immunization with amyloid- β peptide: a case report," <i>Nature Medicine</i> , 9(4):448-452 (2003).	
Cy	329	NIEMANN, "Transgenic farm animals get off the ground," <i>Transgenic Research</i> , 7:73-75 (1998).	

Examiner Signature	<i>Chang</i>	Date Considered	09/15/2005
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1448B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT. (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
Sheet 23 of 31	Attorney Docket Number	18270J-004754US	

CyW	568	NOVOTNY et al., "Structural invariants of antigen binding: Comparison of immunoglobulin V _L -V _H and V _L -V _L domain dimers," <u>PNAS</u> , 82:4592-4596 (1985).	
	409	ORKIN et al., <i>Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy</i> , December 7, 1995	
	398	PALHA et al., "Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy," <u>J. Mol. Med.</u> , 7:703-707 (2001).	
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	437	PERSSON et al., "IgG subclass-associated affinity differences of specific antibodies in humans," <u>J. Immunology</u> , 140(11):3875-3879 (1988), abstract only	
	336	PERUTZ et al., "Amyloid fibers are water-filled nanotubes," <u>PNAS</u> , 99(8):5591-5595 (2002).	
	232	PETERSON, et al., "Recombinant Antibodies: Alternative Strategies for Developing and Manipulating Murine-Derived Monoclonal Antibodies," <u>Laboratory Animal Science</u> , 46(1):8-14 (1996).	
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	142	PRIEELS et al., "Synergistic adjuvants for vaccines," <u>Chemical Abstracts</u> , 120(8):662, column 1, abstract 86406t (1994).	
CyW	394	PRUSINER et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <u>PNAS</u> , 90:10808-10812 (1993).	

Examiner Signature	<i>Chang-feng</i>	Date Considered	09/15/2005
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	24	of	31

CyW	460	QUEEN et al., "A humanized antibody that binds to the interleukin 2 receptor," <u>PNAS</u> , 86:10029-10033 (1989).	
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	304	RASO, V.A., Grant application # 1 R43 AG1 5748-01 (non-redacted version), "Immunotherapy of Alzheimer's Disease" (publication date unknown).	
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	146	ROGERS et al., "Complement activation by β -amyloid in Alzheimer Disease," <u>PNAS</u> , 89:1-5 (1992).	
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	189	SAIDO et al., "Spatial Resolution of Fodrin Proteolysis in Postischemic Brain," <u>J. Biol. Chem.</u> , 268(33):25239-25243 (1993).	
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	277	SASAKI et al., "Human choroid plexus is an uniquely involved area of the brain in amyloidosis: a histochemical, immunohistochemical and ultrastructural study," <u>Brain Res.</u> , 755:193-201 (1987).	
CyW	148	SCHENK et al., "Immunization with amyloid- β attenuates Alzheimer-disease-like pathology in the PDAPP mouse," <u>Nature</u> , 400:173-177 (1999).	

Examiner Signature		Date Considered	09/15/2005
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,483
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
Sheet	25	of	31

178	SCHENK et al., "Therapeutic Approaches Related to Amyloid- β Peptide and Alzheimer's Disease," <u>J. Med. Chem.</u> , 38(21):4141-4154 (1995).
270	SCHENK et al., " β -peptide immunization," <u>Arch. Neurol.</u> , 57:934-936 (2000).
312	SCHENK et al., "Immunotherapy with beta-amyloid for Alzheimer's disease: a new frontier," <u>DNA Cell Biol.</u> , 20(11):679-81 (2001).
414	SCHENK, D., "Amyloid- β immunotherapy for Alzheimer's disease: the end of the beginning," <u>Nature Reviews</u> , 3:824-828 (2002).
466	SCHWARZMAN et al., "Transferrin sequesters amyloid β protein and prevents amyloid formation," <u>PNAS</u> , 91:8368-8372 (1994).
536	SELA et al., "Different roles of D-amino acids in immune phenomena," <u>FASEB J.</u> , 11(6):449-456 (1999).
150	SELKOE, "Alzheimer's Disease: A Central Role for Amyloid," <u>J. Neuropathol. Exp. Neurol.</u> , 53(5): 438-447 (1994).
151	SELKOE, "Physiological production of the β -amyloid protein and the mechanism of Alzheimer's disease," <u>Trends in Neurosciences</u> , 16(10): 403-409 (1993).
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149	SELKOE, D.J., "Imaging Alzheimer's Amyloid," <u>Nat. Biotech.</u> , 18:823-824 (2000).
155	SELKOE, Dennis J., "Alzheimer's Disease: Genotypes, Phenotype, and Treatments," <u>Science</u> , 275:630-631 (1997).
152	SELKOE, Dennis J., "Amyloid Protein and Alzheimer's Disease.....," <u>Scientific American</u> , pgs. 68-78 (1991).
153	SELKOE, Dennis J., "In the Beginning...." <u>Nature</u> , 354:432-433 (1991).
154	SELKOE, Dennis J., "The Molecular pathology of Alzheimer's Disease," <u>Neuron</u> , 6:487-498 (1991).
166	SEUBERT et al., "Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids," <u>Nature</u> , 359: 325-327 (1992).
157	SHIOSAKA, S., "Attempts to make models for Alzheimer's disease," <u>Neuroscience Res.</u> , 13:237-255 (1992).

Examiner Signature		Date Considered	09/15/2005
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,463
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
Sheet 26 of 31	Attorney Docket Number	15270J-004754US	

CyW	330	SIGMUND, "Viewpoint: Are Studies In Genetically Altered Mice Out of Control," <u>Arterioscler Thromb Vasc Biol.</u> , 20:1425-1429 (2000).	
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	398	SIGURDSSON et al., "Anti-prion antibodies for prophylaxis following prion exposure in mice," <u>Neuroscience Letters</u> , 336:185-187 (2003).	
	384	SIGURDSSON et al., "Immunization Delays the Onset of Prion Disease in Mice," <u>American Journal of Pathology</u> , 161:13-17 (2002).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/823,483
		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
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Cy	185	SOLOMON et al., "Modulation of The Catalytic Pathway of Carboxypeptidase A by Conjugation with Polyvinyl Alcohols," <u>Adv. Mol. Cell Biology</u> , 15A:33-45 (1996).
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		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
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		First Named Inventor	Schenk, D. B.
		Art Unit	1847
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
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		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
Sheet 30 of 31	Attorney Docket Number	15270J-004754US	

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		Filing Date	April 12, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1647
		Examiner Name	Nichols, C. J.
		Attorney Docket Number	15270J-004754US
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				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	15270J-004754US

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CW	440	2003/0068316 A1	04-10-2003	Klein et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
CW	441	WO	03/104437	A2	12-18-2003			<input type="checkbox"/>

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